

Converting Colors

Hex(0C82B1)

Have a look what the booklet for
Hex(0C82B1) contains.

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Color

Hex(0C82B1)

Conversions

Conversions Part 1

Format	Color
Hex	0C82B1
RGB	12, 130, 177
RGB Percent	5%, 51%, 69%
CMY	0.9529, 0.4902, 0.3059
CMYK	0.93, 0.27, 0.00, 0.31
HSL	197°, 87%, 37%
HSV	197°, 93%, 69%
XYZ	16.0701, 19.2178, 44.4574
YIQ	100.0760, -85.4150, -10.3990

Conversions

Conversions Part 2

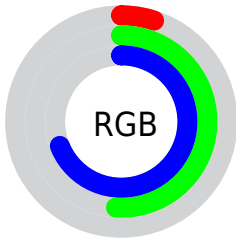
Format	Color
R_{YB}	12, 81, 177
Decimal	819889
CIE _{Lab}	50.94, -12.06, -32.96
CIE _{LCh}	51, 35.095, 249.903
Yxy	19.2178, 0.2015, 0.2410
Android (android.graphics.Color)	4279009969 (0xFF0C82B1)
YUV	100.0760, 37.9235, -77.2427
Hunter-Lab	43.8381, -11.2824, -29.4410

Details

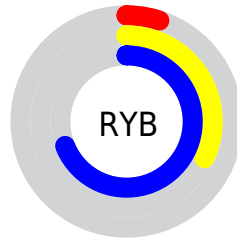
The Hex color **0C82B1** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B13B0C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5FB7E9**, and **00517C** is the 20% darker color. If you saturate the color by 10%, you get **007FB1**, and if you desaturate by 10%, it is **1E87B1**.

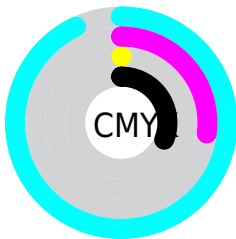
Distribution



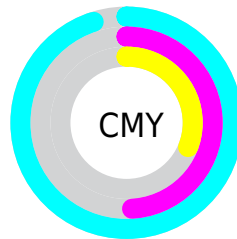
- Red (5%)
- Green (51%)
- Blue (69%)



- Red (5%)
- Yellow (32%)
- Blue (69%)



- Cyan (93%)
- Magenta (27%)
- Yellow (0%)
- Black (31%)



- Cyan (95%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C82B1 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0C82B1 by changing the saturation by 10% instead.

0C82B1

0C82B1

FFFFFF

006996

5FB7E9

00517C

7DD2FF

003A63

9BEFFF

00244B

B9FFFF

000B34

D7FFFF

00021E

F5FFFF

000000

0C82B1

0C82B1

007FB1

1E87B1

 2F8CB1

 4191B1

 5396B1

 659BB1

 76A0B1

 88A5B1

 9AAAB1

 ABAFB1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00879F



0C82B1



5B79B4

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0C82B1



B26170



62834A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0C82B1



B13B0C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



827B3D



0C82B1



AE6654

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0C82B1



A6648F



9D7041



398764

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0C82B1



7C72AD



9D7041



6D8044

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0C82B1



A5D3E6



0CB13B



4C6873



F2F2F2



737373

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0C82B1



00A4E6



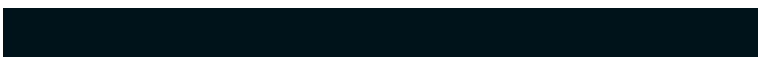
0C30B1



505759



006D99



00121A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B10C82



E600A4



B18D0C



595057



99006D



1A0012

Previews

White Background



This preview shows how the Hex color 0C82B1 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0C82B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

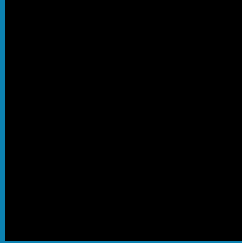
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0C82B1 Background



This preview shows how black text looks on a background with the Hex color 0C82B1.

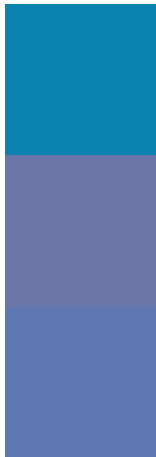


This preview shows how white text looks on a background with the Hex color 0C82B1.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
0C82B1

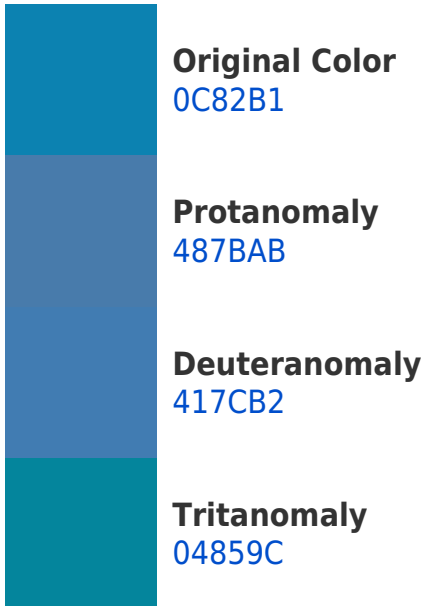
Protanopia
6A77A8

Deuteranopia
5F78B3



Tritanopia
008690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0C82B1 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0C82B1 looks like.

```
.text, #text, p{  
    color:#0C82B1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0C82B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C82B1
}
```

Border

The CSS property to change the border of an element to Hex 0C82B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C82B1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0C82B1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0C82B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C82B1; -webkit-box-shadow:4px 4px  
4px 4px #0C82B1; box-shadow:4px 4px 4px  
4px #0C82B1 }
```

Background

The CSS property to change the background color of an element to Hex 0C82B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C82B1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0C82B1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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